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Nebraska Summary 383: AGCO RT130 Diesel

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SUMMARY OF OECD TEST 2001–NEBRASKA SUMMARY 383

AGCO RT 130 DIESEL

32 SPEED

POWER TAKE-OFF PERFORMANCE

Power HP (kW)	Crank shaft speed rpm	Gal/hr (l/h)	lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Mean Atmospheric Conditions
MAXIMUM POWER AND FUEL CONSUMPTION					
Rated Engine Speed—(PTO speed—1100 rpm)					
132.8 (99.0)	2198	7.79 (29.49)	0.416 (0.253)	17.06 (3.36)	
Standard Power Take-off Speed(1000rpm)					
140.9 (105.1)	2092	7.99 (30.23)	0.402 (0.244)	17.66 (3.48)	
Maximum Power (2 hours)					
151.8 (113.2)	1901	8.28 (31.33)	0.387 (0.235)	18.32 (3.61)	

VARYING POWER AND FUEL CONSUMPTION

132.8 (99.0)	2198	7.79 (29.49)	0.416 (0.253)	17.06 (3.36)	Air temperature
112.2 (83.7)	2229	6.71 (25.39)	0.423 (0.258)	16.75 (3.30)	75°F (24°C)
87.3 (65.1)	2260	5.54 (20.98)	0.450 (0.274)	15.74 (3.10)	Relative humidity
59.0 (44.0)	2296	4.36 (16.49)	0.524 (0.319)	13.54 (2.67)	33%
29.2 (21.8)	2325	3.11 (11.77)	0.753 (0.458)	9.42 (1.86)	Barometer
--	2354	2.00 (7.58)	--	--	29.6" Hg (100.4 kPa)
--			--	--	

Maximum Torque - 454.6 lb.-ft. (616.3 Nm) at 1498 rpm

Maximum Torque Rise - 43.3%

Torque rise at 1790 engine rpm - 37%

DRAWBAR PERFORMANCE (Unballasted - Front Drive Engaged) FUEL CONSUMPTION CHARACTERISTICS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Temp. °F (°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
Maximum Power—13th(1LA) Gear									
109.0 (81.3)	8440 (37.5)	4.84 (7.79)	2201	5	0.493 (0.300)	14.40 (2.84)	185 (85)	57 (14)	30.4 (102.9)
75% of Pull at Maximum Power—13th(1LA) Gear									
84.6 (63.1)	6340 (28.2)	5.00 (8.05)	2230	4	0.516 (0.314)	13.76 (2.71)	185 (85)	57 (14)	30.4 (102.9)
50% of Pull at Maximum Power—13th(1LA) Gear									
57.7 (43.0)	4205 (18.7)	5.15 (8.29)	2263	3	0.587 (0.357)	12.08 (2.38)	183 (84)	57 (14)	30.4 (102.9)
75% of Pull at Reduced Engine Speed—16th(1LB) Gear									
84.5 (63.0)	6315 (28.1)	5.02 (8.08)	1914	4	0.467 (0.284)	15.18 (2.99)	185 (85)	57 (14)	30.4 (102.9)
50% of Pull at Reduced Engine Speed—16th(1LB) Gear									
57.7 (43.0)	4165 (18.5)	5.19 (8.36)	1949	2	0.525 (0.320)	13.50 (2.66)	185 (85)	57 (14)	30.4 (102.9)

Location of Test: Groupement d'Antony, Parc de Touvoie, BP 44 Antony, France 92163

Dates of Test: April - June, 2002

Manufacturer: AGCO S.A., BP307, Avenue Blaise Pascal, 60026 Beauvais, France

FUEL and OIL: Fuel No. 2 Diesel **Specific gravity converted to 60°/60° F (15°/15°C)** 0.852 **Fuel weight** 7.09 lbs/gal (0.850 kg/l) **Oil SAE** 10W30 **API service classification** CD/CE **Transmission and hydraulic lubricant** BP Terrac Manager 10W40 **Front axle lubricant** Terrac Manager 10W40 API G-L4

ENGINE: Make Cummins Diesel **Type** six cylinder vertical with turbocharger **Serial No.** 215060 **Crankshaft** lengthwise **Rated engine speed** 2200 **Bore and stroke** 4.016" x 4.724" (102.0 mm x 120.0 mm) **Compression ratio** 16.3 to 1 **Displacement** 359 cu in (5880 ml) **Starting system** 12 volt **Lubrication** pressure **Air cleaner** two paper elements **Oil filter** one full flow cartridge **Oil cooler** engine coolant heat exchanger for crankcase oil, radiator for hydraulic and transmission oil **Fuel filter** one paper element **Muffler** underhood **Exhaust** vertical **Cooling medium temperature control** thermostat and variable speed fan

CHASSIS: Type front wheel assist **Serial No.** L045025 **Tread width** rear 61.0" (1550 mm) to 120.0" (3049 mm) front 64.2" (1630 mm) to 81.1" (2060 mm) **Wheelbase** 117.5" (2985 mm) **Hydraulic control system** direct engine drive **Transmission** selective gear fixed ratio with partial (4) range operator controlled powershift **Nominal travel speeds mph (km/h)** first 1.51 (2.43) second 1.77 (2.85) third 2.09 (3.36) fourth 2.29 (3.69) fifth 2.44 (3.93) sixth 2.68 (4.32) seventh 3.17 (5.10) eighth 3.27 (5.27) ninth 3.71 (5.97) tenth 3.83 (6.17) eleventh 4.46 (7.18) twelfth 4.52 (7.28) thirteenth 4.98 (8.01) fourteenth 5.22 (8.40) fifteenth 5.30 (8.53) sixteenth 5.83 (9.38) seventeenth 6.16 (9.91) eighteenth 6.88 (11.07) nineteenth 7.21 (11.60) twentieth 7.56 (12.16) twenty-first 8.05 (12.95) twenty-second 8.84 (14.23) twenty-third 10.44 (16.80) twenty-fourth 10.79 (17.37) twenty-fifth 12.22 (19.66) twenty-sixth 12.63 (20.32) twenty-seventh 14.69 (23.64) twenty-eighth 14.91 (23.99) twenty-ninth 17.19 (27.67) thirtieth 17.45 (28.08) thirty-first 20.29 (32.66) thirty-second 23.76 (38.23) reverse 1.51 (2.43), 1.77 (2.85), 2.09 (3.36), 2.29 (3.69), 2.44 (3.93), 2.68 (4.32), 3.17 (5.10), 3.27 (5.27), 3.71 (5.97), 3.83 (6.17), 4.46 (7.18), 4.52 (7.28), 4.98 (8.01), 5.22 (8.40), 5.30 (8.53), 5.83 (9.38), 6.16 (9.91), 6.88 (11.07), 7.21 (11.60), 7.56 (12.16), 8.05 (12.95), 8.84 (14.23), 10.44 (16.80), 10.79 (17.37),

DRAWBAR PERFORMANCE
(Unballasted - Front Drive Engaged)
MAXIMUM POWER IN SELECTED GEARS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Consumption Hp.hr/gal (kW.h/l)	Temp. °F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
95.1 (70.9)	12950 (57.6)	2.75 (4.43)	2209	15	7th(2TC) Gear 0.559 (0.340)	12.69 (2.50)	185 (85)	57 (14)	30.4 (102.9)
99.0 (73.8)	12770 (56.8)	2.91 (4.68)	2202	13	8th(3TA) Gear 0.539 (0.328)	13.15 (2.59)	182 (83)	57 (14)	30.4 (102.9)
110.8 (82.6)	12725 (56.6)	3.26 (5.25)	2145	12	9th(2TD) Gear 0.514 (0.313)	13.81 (2.72)	182 (83)	57 (14)	30.4 (102.9)
112.5 (83.9)	12570 (55.9)	3.36 (5.40)	2127	11	10th(3TB) Gear 0.512 (0.311)	13.86 (2.73)	187 (86)	57 (14)	30.4 (102.9)
118.3 (88.2)	11890 (52.9)	3.73 (6.00)	1995	10	11th(4TA) Gear 0.496 (0.301)	14.31 (2.82)	182 (83)	57 (14)	30.4 (102.9)
118.5 (88.4)	11800 (52.5)	3.77 (6.06)	1984	10	12th(3TC) Gear 0.494 (0.300)	14.36 (2.83)	183 (84)	57 (14)	30.4 (102.9)
122.6 (91.4)	11175 (49.7)	4.11 (6.62)	1942	9	13th(1LA) Gear 0.478 (0.291)	14.82 (2.92)	185 (85)	57 (14)	30.4 (102.9)
123.6 (92.2)	10725 (47.7)	4.32 (6.95)	1920	8	14th(4TB) Gear 0.473 (0.288)	15.00 (2.96)	185 (85)	57 (14)	30.4 (102.9)
123.9 (92.4)	10715 (47.7)	4.34 (6.98)	1907	8	15th(3TD) Gear 0.473 (0.288)	14.99 (2.95)	182 (83)	57 (14)	30.4 (102.9)
127.5 (95.1)	9855 (43.8)	4.85 (7.81)	1917	7	16th(1LB) Gear 0.458 (0.279)	15.48 (3.05)	180 (82)	57 (14)	30.4 (102.9)
124.8 (93.1)	9080 (40.4)	5.15 (8.29)	1903	6	17th(4TC) Gear 0.467 (0.284)	15.18 (2.99)	182 (83)	57 (14)	30.4 (102.9)
128.0 (95.5)	8230 (36.6)	5.83 (9.39)	1914	5	18th(1LC) Gear 0.459 (0.279)	15.44 (3.04)	183 (84)	59 (15)	30.4 (102.9)
125.3 (93.4)	7665 (34.1)	6.13 (9.87)	1905	4	19th(4TD) Gear 0.466 (0.284)	15.22 (3.00)	183 (84)	59 (15)	30.4 (102.9)
129.6 (96.7)	7475 (33.2)	6.50 (10.47)	1930	4	20th(2LA) Gear 0.452 (0.275)	15.68 (3.09)	183 (84)	59 (15)	30.4 (102.9)
127.4 (95.0)	6985 (31.1)	6.84 (11.01)	1899	4	21st(1LD) Gear 0.459 (0.279)	15.45 (3.04)	182 (83)	61 (16)	30.4 (102.8)
128.1 (95.5)	6325 (28.1)	7.59 (12.21)	1900	3	22nd(2LB) Gear 0.460 (0.280)	15.43 (3.04)	182 (83)	63 (17)	30.4 (102.8)
126.3 (94.2)	5400 (24.0)	8.77 (14.11)	1904	4	23rd(2LC) Gear 0.463 (0.282)	15.32 (3.02)	189 (87)	64 (18)	30.4 (102.8)
127.0 (94.7)	5250 (23.3)	9.07 (14.60)	1904	4	24th(3LA) Gear 0.461 (0.281)	15.38 (3.03)	183 (84)	64 (18)	30.4 (102.8)

12.22 (19.66), 12.63 (20.32), 14.69 (23.64), 14.91 (23.99), 17.19 (27.67), 17.45 (28.08), 20.29 (32.66), 23.76 (38.23) **Clutch** multiple wet disc operated by foot pedal **Brakes** multiple wet disc hydraulically operated by two foot pedals that can be locked together **Steering** hydrostatic **Power take-off** 540 rpm at 1993 engine rpm or 1000 rpm at 2091 engine rpm **Unladen tractor mass** 16030 lb (7270 kg)

REPAIRS AND ADJUSTMENTS: No repairs or adjustments

Note: This tractor has an electronic control system that automatically disengages the front axle when the travel speed exceeds 8.0 mph (13.0 km/h).

REMARKS: All test results were determined from observed data obtained in accordance with official OECD test procedures. The performance figures on this summary were taken from a test conducted under the OECD Code II test procedure.

We, the undersigned, certify that this is a true summary of data from OECD Report No. **2001**, Nebraska Summary 383, January 13, 2003.

Leonard L. Bashford
Director

M.F. Kocher
V.I. Adamchuk
W.P. Campbell
Board of Tractor Test Engineers

DRAWBAR PERFORMANCE

(Ballasted - Front Drive Engaged)

MAXIMUM POWER IN SELECTED GEARS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Temp. °F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
108.8 (81.1)	14335 (63.8)	2.85 (4.58)	2136	14	8th(3TA) Gear 0.514 (0.313)	13.81 (2.72)	183 (84)	61 (16)	30.3 (102.5)
114.9 (85.7)	14060 (62.5)	3.06 (4.93)	2019	13	9th(2TD) Gear 0.511 (0.311)	13.88 (2.74)	183 (84)	61 (16)	30.2 (102.4)
116.0 (86.5)	13265 (59.0)	3.28 (5.28)	2041	11	10th(3TB) Gear 0.503 (0.306)	14.11 (2.78)	185 (85)	61 (16)	30.2 (102.4)
119.5 (89.1)	11905 (53.0)	3.76 (6.06)	1958	9	11th(4TA) Gear 0.487 (0.296)	14.57 (2.87)	183 (84)	61 (16)	30.2 (102.4)
119.6 (89.2)	11780 (52.4)	3.81 (6.13)	1953	9	12th(3TC) Gear 0.487 (0.296)	14.57 (2.87)	181 (83)	61 (16)	30.2 (102.4)
122.7 (91.5)	10905 (48.5)	4.22 (6.79)	1942	8	13th(1LA) Gear 0.472 (0.287)	15.02 (2.96)	181 (83)	63 (17)	30.2 (102.4)
122.0 (91.0)	10510 (46.8)	4.35 (7.01)	1904	7	14th(4TB) Gear 0.477 (0.290)	14.87 (2.93)	181 (83)	63 (17)	30.2 (102.4)
124.0 (92.5)	10410 (46.3)	4.47 (7.19)	1919	7	15th(3TD) Gear 0.467 (0.284)	15.18 (2.99)	181 (83)	63 (17)	30.2 (102.4)
128.9 (96.1)	9845 (43.8)	4.91 (7.90)	1900	6	16th(1LB) Gear 0.458 (0.279)	15.48 (3.05)	178 (81)	64 (18)	30.2 (102.4)
125.3 (93.4)	8910 (39.6)	5.27 (8.48)	1911	5	17th(4TC) Gear 0.472 (0.287)	15.02 (2.96)	181 (83)	66 (19)	30.2 (102.4)
127.9 (95.4)	8095 (36.0)	5.93 (9.54)	1913	5	18th(1LC) Gear 0.460 (0.280)	15.43 (3.04)	183 (84)	66 (19)	30.2 (102.4)
124.7 (93.0)	7475 (33.3)	6.26 (10.07)	1916	5	19th(4TD) Gear 0.470 (0.286)	15.08 (2.97)	180 (82)	66 (19)	30.2 (102.4)
126.7 (94.5)	7285 (32.4)	6.52 (10.50)	1903	4	20th(2LA) Gear 0.461 (0.280)	15.39 (3.03)	181 (83)	66 (19)	30.2 (102.4)
127.1 (94.8)	6850 (30.5)	6.96 (11.20)	1900	4	21st(1LD) Gear 0.461 (0.280)	15.39 (3.03)	183 (84)	66 (19)	30.2 (102.3)
126.7 (94.5)	6105 (27.2)	7.78 (12.53)	1924	4	22nd(2LB) Gear 0.461 (0.280)	15.39 (3.03)	181 (83)	68 (20)	30.2 (102.3)
122.0 (91.0)	5140 (22.9)	8.90 (14.33)	1899	5	23rd(2LC) Gear 0.477 (0.290)	14.87 (2.93)	183 (84)	68 (20)	30.2 (102.3)
123.2 (91.9)	5020 (22.3)	9.20 (14.81)	1902	5	24th(3LA) Gear 0.473 (0.288)	14.97 (2.95)	181 (83)	68 (20)	30.2 (102.3)

TIRES, BALLAST AND WEIGHT

Rear Tires - No., size, ply & psi(kPa)
Ballast - Duals (total)
 - Cast Iron (total)
Front Tires - No., size, ply & psi(kPa)
Ballast - Liquid (total)
 - Cast Iron (total)
Height of Drawbar
Static Weight with operator - Rear
 - Front
 - Total

With Ballast

Four 480/80R42;**,15(100)
 940 lb (428 kg)
 None
 Two 380/85R30;**,16(110)
 None
 1240 lb (562 kg)
 17.7 in (450 mm)
 10805 lb (4900 kg)
 7575 lb (3435 kg)
 18375 lb (8335 kg)

Without Ballast

Two 480/80R42;**,15(100)
 None
 None
 Two 380/85R30;**,16(110)
 None
 None
 17.7 in (450 mm)
 10320 lb (4680 kg)
 5875 lb (2665 kg)
 16195 lb (7345 kg)

DRAWBAR PERFORMANCE

(Unballasted - Front Drive Disengaged)

MAXIMUM POWER IN SELECTED GEARS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Consumption Hp.hr/gal (kW.h/l)	Temp. °F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
93.7 (69.9)	10575 (47.0)	3.32 (5.35)	2221	15	10th(3TB) Gear 0.557 (0.339)	12.74 (2.51)	183 (84)	61 (16)	30.3 (102.7)
107.3 (80.0)	10230 (45.5)	3.93 (6.33)	2184	12	11th(4TA) Gear 0.527 (0.320)	13.47 (2.65)	185 (85)	61 (16)	30.3 (102.7)
108.9 (81.2)	10330 (46.0)	3.95 (6.36)	2157	12	12th(3TC) Gear 0.522 (0.318)	13.58 (2.68)	185 (85)	61 (16)	30.3 (102.7)
113.7 (84.8)	9975 (44.4)	4.28 (6.88)	2107	11	13th(1LA) Gear 0.502 (0.305)	14.13 (2.78)	187 (86)	63 (17)	30.3 (102.7)
115.1 (85.8)	9890 (44.0)	4.36 (7.02)	2041	11	14th(4TB) Gear 0.498 (0.303)	14.25 (2.81)	184 (84)	63 (17)	30.3 (102.7)
116.7 (87.0)	9825 (43.7)	4.45 (7.16)	2041	11	15th(3TD) Gear 0.494 (0.301)	14.35 (2.83)	184 (84)	63 (17)	30.3 (102.7)
121.2 (90.4)	9285 (41.3)	4.89 (7.87)	2010	10	16th(1LB) Gear 0.481 (0.293)	14.72 (2.90)	181 (83)	63 (17)	30.3 (102.7)
119.5 (89.1)	9070 (40.3)	4.94 (7.95)	1914	9	17th(4TC) Gear 0.487 (0.296)	14.57 (2.87)	183 (84)	63 (17)	30.3 (102.7)
124.4 (92.8)	8455 (37.6)	5.52 (8.89)	1894	8	18th(1LC) Gear 0.469 (0.285)	15.13 (2.98)	181 (83)	63 (17)	30.3 (102.7)
122.2 (91.1)	7800 (34.7)	5.88 (9.46)	1902	7	19th(4TD) Gear 0.473 (0.288)	14.97 (2.95)	183 (84)	64 (18)	30.3 (102.7)
126.6 (94.4)	7580 (33.7)	6.26 (10.08)	1931	7	20th(2LA) Gear 0.460 (0.280)	15.43 (3.04)	183 (84)	64 (18)	30.3 (102.7)
125.8 (93.8)	7105 (31.6)	6.64 (10.68)	1904	6	21st(1LD) Gear 0.461 (0.280)	15.39 (3.03)	181 (83)	64 (18)	30.3 (102.7)
126.2 (94.1)	6405 (28.5)	7.39 (11.89)	1913	5	22nd(2LB) Gear 0.461 (0.281)	15.39 (3.03)	183 (84)	64 (18)	30.3 (102.7)
125.1 (93.3)	5360 (23.8)	8.75 (14.09)	1899	4	23rd(2LC) Gear 0.463 (0.282)	15.32 (3.02)	190 (88)	64 (18)	30.3 (102.7)
126.2 (94.1)	5195 (23.1)	9.11 (14.66)	1908	4	24th(3LA) Gear 0.458 (0.278)	15.50 (3.05)	183 (84)	64 (19)	30.3 (102.7)

TIRES, BALLAST AND WEIGHT

Rear Tires - No., size, ply & psi(kPa)
Ballast - Duals (total)
 - Cast Iron (total)
Front Tires - No., size, ply & psi(kPa)
Ballast - Liquid (total)
 - Cast Iron (total)
Height of Drawbar
Static Weight with operator - Rear
 - Front
 - Total

With Ballast

Four 480/80R42;*,15(100)
 940 lb (428 kg)
 None
 Two 380/85R30;*,16(110)
 None
 None
 33.5 in (850 mm)
 11260 lb (5108 kg)
 5875 lb (2665 kg)
 17135 lb (7773 kg)

Without Ballast

Two 480/80R42;*,15(100)
 None
 None
 Two 380/85R30;*,16(110)
 None
 None
 33.5 in (850 mm)
 10320 lb (4680 kg)
 5875 lb (2665 kg)
 16195 lb (7345 kg)

DRAWBAR PERFORMANCE
(Ballasted - Front Drive Disengaged)
MAXIMUM POWER IN SELECTED GEARS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Consumption Hp.hr/gal (kW.h/l)	Temp. ^o F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
11th(4TA) Gear									
110.1 (82.1)	11625 (51.7)	3.55 (5.71)	2000	14.9	0.531 (0.323)	13.35 (2.63)	185 (85)	68 (20)	29.9 (101.4)
12th(3TC) Gear									
110.0 (82.0)	11385 (50.6)	3.62 (5.83)	2000	14.8	0.527 (0.321)	13.45 (2.65)	183 (84)	68 (20)	29.9 (101.4)
13th(1LA) Gear									
115.3 (86.0)	11085 (49.3)	3.90 (6.28)	1935	13.6	0.504 (0.307)	14.06 (2.77)	181 (83)	70 (21)	29.9 (101.4)
14th(4TB) Gear									
116.1 (86.6)	10600 (47.2)	4.11 (6.61)	1916	12.8	0.500 (0.304)	14.17 (2.79)	183 (84)	70 (21)	29.9 (101.4)
15th(3TD) Gear									
116.4 (86.8)	10410 (46.3)	4.19 (6.74)	1924	12.0	0.499 (0.303)	14.22 (2.80)	185 (85)	72 (22)	29.9 (101.4)
16th(1LB) Gear									
120.2 (89.6)	9675 (43.0)	4.66 (7.49)	1910	11.0	0.483 (0.294)	14.67 (2.89)	185 (85)	72 (22)	29.9 (101.4)
17th(4TC) Gear									
118.0 (88.0)	8840 (39.4)	5.00 (8.05)	1909	8.9	0.492 (0.299)	14.42 (2.84)	189 (87)	72 (22)	29.9 (101.3)
18th(1LC) Gear									
122.2 (91.1)	8055 (35.8)	5.70 (9.17)	1919	8.2	0.475 (0.289)	14.92 (2.94)	185 (85)	72 (22)	29.9 (101.3)
19th(4TD) Gear									
120.6 (89.9)	7555 (33.6)	5.99 (9.64)	1910	7.9	0.478 (0.291)	14.82 (2.92)	187 (86)	73 (23)	29.9 (101.3)
20th(2LA) Gear									
123.9 (92.4)	7395 (32.9)	6.28 (10.11)	1906	7.6	0.472 (0.287)	15.02 (2.96)	183 (84)	73 (23)	29.9 (101.3)
21st(1LD) Gear									
123.9 (92.4)	6915 (30.8)	6.72 (10.81)	1902	7.2	0.466 (0.283)	15.23 (3.00)	191 (88)	73 (23)	29.9 (101.3)
22nd(2LB) Gear									
124.0 (92.5)	6230 (27.7)	7.46 (12.01)	1902	5.5	0.470 (0.286)	15.08 (2.97)	187 (86)	73 (23)	29.9 (101.3)
23rd(2LC) Gear									
123.5 (92.1)	5190 (23.1)	8.92 (14.36)	1903	4.8	0.466 (0.283)	15.23 (3.00)	185 (85)	73 (23)	29.9 (101.3)
24th(3LA) Gear									
123.1 (91.8)	5035 (22.4)	9.17 (14.75)	1891	4.2	0.468 (0.285)	15.16 (2.99)	185 (85)	75 (24)	29.9 (101.3)

TRACTOR SOUND LEVEL WITH CAB	Front Wheel Drive	
	Disengaged dB(A)	Engaged dB(A)
At no load in 12th (3TC) gear	75.0	75.0
Bystander	--	--

THREE POINT HITCH PERFORMANCE (OECD Static Test)

CATEGORY: II

Quick Attach: None

Maximum Force Exerted

Through Whole Range: 15510 lbs (69.0 kN)

- i) Opening pressure of relief valve: NA
 Sustained pressure of the open relief valve: 2830 psi (195 bar)
 ii) Pump delivery rate at minimum pressure: 31.5 GPM (119.3 l/min)
 iii) Pump delivery rate at maximum
 hydraulic power: 28.6 GPM (108.1 l/min)
 Delivery pressure: 2205 psi (152 bar)
 Power: 36.7 HP (27.4 kW)

HITCH DIMENSIONS AS TESTED—NO LOAD

	inch	mm
A	30.3	770
B	15.0	380
C	19.5	495
D	17.7	450
E	4.3	108
F	13.0	330
G	34.7	882
H	3.0	77
I	18.5	471
J	21.7	552
K	22.8	580
L	47.9	1217
M	23.1	587
N	38.1	967
O	8.9	225
P	45.7	1162
Q	35.4	899
R	35.6	905

